To: Wehrum, William L.[wwehrum@hunton.com] Cc: Jackson, Ryan[jackson.ryan@epa.gov] From: Ringel, Aaron Sent: Thur 9/7/2017 7:50:30 PM Subject: Re: Update for you Thanks! Sent from my iPhone > On Sep 7, 2017, at 2:59 PM, Wehrum, William L. <wwehrum@hunton.com> wrote: > fyi > > ----Original Message----> From: Wehrum, William L. > Sent: Thursday, September 07, 2017 2:46 PM > To: 'Locetta, Jennifer R. EOP/WHO' > Subject: RE: Update for you > Jennifer - Thanks for the update. Great news! Attached is a short bio. Please let me know if you need anything more. > ----Original Message-----> From: Locetta, Jennifer R. EOP/WHO [mailto:Jennifer.R.Locetta@who.eop.gov] > Sent: Thursday, September 07, 2017 1:51 PM > To: wehrum@comcast.net; Wehrum, William L. > Subject: Update for you > Hi Bill, > I just left you a quick voicemail. > I wanted to touch base with you and let you know that clearance counsel has cleared you for nomination. The WH would likely issue a press release either tonight or tomorrow. In order to do so, I need a quick bio from you of 150 words or less. Please send this to me when you can today. > Congratulations again and talk to you soon. My cell is > Thanks, > Jennifer R. Locetta > Special Assistant to the President > Associate Director for Presidential Personnel

> <Wehrum Bio Sept 2017-c-c.doc>

To: Jackson, Ryan[jackson.ryan@epa.gov]; Ringel, Aaron[ringel.aaron@epa.gov]

From: Wehrum, William L.

Sent: Thur 9/7/2017 6:58:27 PM

Subject: FW: Update for you Wehrum Bio Sept 2017-c-c.doc

fyi

----Original Message-----From: Wehrum, William L.

Sent: Thursday, September 07, 2017 2:46 PM

To: 'Locetta, Jennifer R. EOP/WHO'

Subject: RE: Update for you

Jennifer - Thanks for the update. Great news! Attached is a short bio. Please let me know if you need anything more.

----Original Message-----

From: Locetta, Jennifer R. EOP/WHO [mailto:Jennifer.R.Locetta@who.eop.gov]

Sent: Thursday, September 07, 2017 1:51 PM To: wehrum@comcast.net; Wehrum, William L.

Subject: Update for you

Hi Bill,

I just left you a quick voicemail.

I wanted to touch base with you and let you know that clearance counsel has cleared you for nomination. The WH would likely issue a press release either tonight or tomorrow. In order to do so, I need a quick bio from you of 150 words or less. Please send this to me when you can today.

Congratulations again and talk to you soon. My cell is Ex. 6 - Personal Privacy

Thanks, Jennifer R. Locetta Special Assistant to the President Associate Director for Presidential Personnel To: Maisano, Frank[frank.maisano@bracewell.com]

From: Maisano, Frank

Sent: Mon 8/14/2017 5:59:12 PM

Subject: SPECIAL August Energy Update: Solar Trade Case Hearing Set for Tomorrow

Friends,

Not the full update today, but just a quick note to remind you of tomorrow's U.S. International Trade Commission hearing on the solar trade petition. But before we get to that, it was 14 years ago today, just after 4:10 p.m. that the Northeast suffered its most significant blackout in a generation. The blackout affected an estimated 10 million people in Ontario and 45 million people in eight U.S. states.

Back to the action...The ITC holds its public hearing tomorrow looking at the injury phase of the 201 trade petition filed by Suniva which aims to impose tariffs that place the recent success of the entire solar industry and its workforce at risk. Late last week, we saw Congress weigh in urging ITC to oppose the tariff petition. And tomorrow, just before and after the hearing, hundreds of solar workers from all over the country, including California, Maryland, North Carolina, New Jersey, New York, Florida, Minnesota, Massachusetts, Rhode Island, Pennsylvania and Virginia, will converge in Washington to explain the personal impact this case could have on their livelihoods.

We have a full report/primer below with details, schedule, timing, on-the-record comments and background. And speaking of blackouts, remember next Monday, a large swath of the country will focus on the <u>upcoming solar eclipse</u>, which occurs on August 21st. Lots of great coverage, but <u>here is how you will want to view the eclipse</u>.

Finally remember next week, the <u>American Chemical Society</u> holds its 254th annual national meeting during the entire week and will feature tons of events on really complex STEM issues, as well as highlight many important and innovative technological advances. One of the ACS presentations will feature our friends at <u>ISCA Tech</u>, which we will discuss more in the future.

I will be at the ITC tomorrow. Please call with questions.

Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

THE BIG EVENT

Solar ITC Hearing Set for Tomorrow – The U.S. International Trade Commission (ITC) holds its public hearing tomorrow looking at the injury phase of the 201 trade petition filed by Suniva which aims to impose tariffs that place the recent success of the entire solar industry and its workforce at risk.

IF YOU GO: The hearing starts at 9:30 a.m. at ITC, 500 E Street, SW. Media must register in advance with PA officer Peg O'Laughlin (202-205-1819)

SEIA: Trade Case Petitioners Brought Collapse of Businesses on Themselves – Suniva and SolarWorld have failed to show that a rising level of imports caused them serious injury and left them unable to compete in the U.S. market, the Solar Energy Industries Association (SEIA) and others stated in pre-hearing written arguments to ITC. In an executive summary of its remarks, SEIA points out that the petitioners were unable to produce the needed solar modules to succeed in the ever-changing solar markets. Utility-scale projects use 72-cell modules, which neither Suniva nor SolarWorld could produce in the quantities demanded by the booming U.S. marketplace. Therefore, imports of solar cells and modules were pulled into the U.S. utility market by increased demand that could not be met domestically.

Congress Weighs In Support of Solar Industry – A bipartisan group of 16 senators and 53 members of the House of Representatives sent <u>open letters</u> to ITC Chairman Rhonda Schmidtlein urging it to reject a petition that would slap tariffs on imported solar panels and cells. "Solar companies in our states believe the requested trade protection would double the price of solar

panels," the Senate letter to the ITC said. "Increasing costs will stop solar growth dead in its tracks, threatening tens of thousands of American workers in the solar industry and jeopardizing billions of dollars in investment in communities across the country." Lawmakers who led the letter effort to the ITC include: Senators Thom Tillis (R-NC) and Martin Heinrich (D-NM) and Representatives Mark Sanford (R-SC), Mike Thompson (D-CA), Pat Meehan (R-PA) and Matt Cartwright (D-PA).

Coalition Calls for End of Bad Case – The Energy Trade Action Coalition (ETAC) urged ITC to end the Section 201 trade case on imported solar components that currently is threatening the U.S. solar industry. ETAC is a group of companies, associations and organizations who joined together to oppose the trade petition. ETAC spokesman Paul Nathanson said the Section 201 petition is not designed to protect or grow solar jobs in the U.S., but an attempt by two companies that made poor business decisions to recover lost funds for their own financial gain at the expense of the rest of the solar industry. Nathanson: "As the solar industry continues to grow and compete with other energy traditional and renewable energy sources, now is not the time to undercut its momentum by doubling the price of solar panels for consumers. This is why ETAC members, which includes utilities, power co-ops, retailers and other large commercial users, are so active in making their voices heard to prevent these unwarranted tariffs." ETAC works to raise awareness of the importance of maintaining access to globally priced products to support American energy industry competitiveness, sustain tens of thousands of good-paying American manufacturing jobs and preserve the principles of free and fair trade in a global marketplace.

Conservative Groups Supporting Solar Industry View – Most free trade advocates have strongly supported the solar industry's position on this trade petition. Here are several key quotes from conservative groups:

"Tariffs meant to protect one industry can, and often do, have significant damaging effects on other domestic industries. Imposing tariffs under Section 201, as Suniva and SolarWorld request, would be a step backward by adding another layer of federal subsidies which is something the Heritage Foundation opposes in all instances."

Tori K. Whiting, Research Associate at The Heritage Foundation.

"Voluntary free trade is always a good thing. And it's a good thing for every consumer; not just a few individuals or companies. The solar case is an example of the worst kind of trade protectionism. We're delighted to stand for freedom and free markets."

Eli Lehrer, president of the R Street Institute.

"Our country's trade laws were set up to facilitate and promote an even playing field, not provide shelter to those unable to compete."

Karla Jones, Director of the Federalism and International Relations Task Force at American Legislative Exchange Council (ALEC).

"The Section 201 solar industry trade case will undermine one of the fastest growing All of the Above Energy jobs sectors in states across the country, solar energy installation. We must avoid rewarding this opportunistic use of U.S. trade laws."

Sarah E. Hunt, Director of the Center for Innovation and Technology at ALEC.

Electrical Workers, Contractors See Petition as Trouble – The National Electrical Contractors Association fears that its work force, many of them union workers, will be hurt by the trade petition and the potential loss of jobs. James Willson, head of the LA County Chapter of NECA said they strongly oppose the proposed tariffs and minimum prices on imported CSPV cells and modules being considered by the ITC. Willson: "In our area (Los Angeles County) over the past 5 years, we have averaged over 1,000 electricians installing utility scale and roof top solar systems. These are good middle class jobs which promote apprenticeship, community based hiring, and veterans. This proposed tariff would increase solar costs 90-110% and if implemented would make America the highest-priced solar country and decimate the market – likely bringing a halt to utility scale solar. This extreme tariff would have such a negative impact not only in our jurisdiction but throughout the country."

Retailers Urge Rejection of Petition – The National Retail Federation said the trade petition would harm businesses and large-scale, commercial users of solar. "A growing number of retailers are relying on solar to meet their energy needs," said NRF VP Jon Gold. "Our members' use of solar as an energy source is a direct result of the solar industry's ability to compete with other sources of energy by providing cost-competitive power generation on an increasingly large scale. This misguided 201 trade petition would punish our members for being innovative and significantly raising their costs. The U.S. International Trade Commission should find no injury and terminate this investigation as soon as possible."

Utilities Long-Term Planning Hurt by Petition – Utilities have also expressed real concerns that the trade Petition will undermine their ability to affordable use solar to meet customer demand and state renewable requirements. Scott Segal, Director of the Electric Reliability Coordinating Council said utilities and public power have increasingly diversified their

portfolios for a variety of strategic reasons over the last several years. Segal: "This means that power companies have developed solar projects or have purchased solar-generated power or both. As a rule, power companies plan on a 20 year cycle and depend on predictable cost structures, particularly for solar developments. Inappropriate imposition of trade remedies on solar technology can fundamentally change the landscape for renewables without any consequent societal benefits. ERCC members include Ameren, DTE Energy, Duke, Salt River Project, Southern Company and Vistra.

Venture Capitalists Worry About Capital Investments – Chris Diaz head of Seminole Financial Services, which funds energy projects including solar projects, sees tariffs as a step that could undermine current capital investments. Diaz: "The solar industry is a strong sector for capital investment right now because of its competitiveness in the marketplace. Billions of dollars are flowing into projects that are leading to good-paying jobs, new economic opportunities, technological advancement and much-needed revenue for communities -- all-the-while meeting increasing consumer demand for cleaner energy. This tariff petition and the resulting direct increase in the cost of doing business in the solar industry, threatens that competitiveness. It undermines the certainty of current investments in the solar industry and puts almost all future investments at significant risk."

Other Key Quotes:

"As one of the most experienced solar installers in the U.S., Borrego Solar strongly disputes Suniva and SolarWorld's claims before the ITC. These companies' financial troubles are largely self-inflicted, and their failure to compete with manufacturers in both the U.S. and the rest of the world should not be used as an excuse to set the American clean energy industry back precisely when the need to increase our domestic clean energy supply is greatest."

- Mike Hall, CEO, Borrego Solar Systems, Inc.

"The Suniva/Solar World bailout request will cause rooftop solar installation costs to sky rocket. Many Florida residents choose to install solar panels on their roofs to save money on their electric bills and to protect the environment. The requested bailout will make it harder for consumers to afford solar. Retirees will be hit the hardest."

- Tory Perfetti, Florida Director of Conservatives for Energy Freedom.

"There are over 200,000 good, high paying jobs in solar right now, and that number is growing quickly. Protectionist trade barriers will not make American solar manufacturing more competitive, but absolutely will kill the good jobs that exist by pricing many customers out of the market."

- Anthony Fotopoulos, Co-Founder of Keystone Power Holdings

The Background

The case – Filed by two heavily indebted solar companies, the 201 trade petition asks the Trump Administration to impose a drastic mix of tariffs and a floor price on imports of solar cells and modules that would double the price of solar equipment and damage the U.S. solar industry.

Remedy – The Section 201 "Petition for Global Safeguard Relief – Crystalline Silicon Photovoltaic Cells and Modules" seeks a tariff of 40 cents per watt on all foreign-made solar cells and a floor price of 78 cents per watt on all foreign-made panels, doubling the price for the basic ingredients of the broader U.S. solar industry.

The Cost to the Solar Industry – The \$23 billion U.S. solar industry employs 260,000 American workers in good-paying jobs across the country. If successful, the protectionist initiative would slash demand for new projects and make solar less competitive with other sources of power, decimating one of America's most promising high-tech growth industries. A recent study showed that an estimated 88,000 jobs, about one-third of the current American solar workforce, would be lost if trade protections proposed in the petition are granted.

Timing – The <u>International Trade Commission (ITC)</u> is currently conducting a review to determine whether there is evidence of injury, of which this hearing is a part of – which is expected to be completed by September 22. If the ITC decides in favor of the petitioners, it must recommend specific trade barriers to President Trump by November 13. The president then has 60 days to act on the recommendation.

ON THE SCHEDULE FOR AUGUST

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Trade petition Hearing Set – The US International Trade Commission will hold its <u>first hearing</u> on the injury phase of the Solar 201 trade petition filed by Suniva on August 15th beginning at 9:30 a.m. at the USITC in Washington, DC. In the event that the Commission makes an affirmative injury determination or is equally divided on the question of injury in this investigation, a second hearing on the question of remedy will be held beginning at 9:30 a.m. on October 3rd.

USEA Forum to Look at Energy-Water Nexus – The US Energy Association will host a forum on Tuesday August 15th at 10:00 a.m. featuring Verdant Power looking at the water-energy nexus. According to DOE's "The Water Energy Nexus: Challenges and Opportunities" report, several trends are increasing urgency to address the water-energy nexus in an integrated and proactive way: climate change, which is affecting precipitation and temperature patterns throughout the world; population growth and regional migration trends that are likely to increase, which complicate management of energy and water systems; new technologies in energy and water domains that shift water-energy demands; and developments in policies that are introducing additional incentives and challenges for decision making. Verdant Power is addressing the water-energy nexus in an integrated and proactive way resulting from its successful R&D efforts at the company's Roosevelt Island Tidal Energy (RITE) Project in New York City's East River - the world's first grid-connected array of marine renewable energy (MRE) turbines systems. Verdant Power's Trey Taylor will look at their holistic, strategic approach in helping build sustainable communities through MRE-based integrated energy and hybrid power systems, microgrids, and water management.

WCEE Forum To Discuss FERC Issues – On Friday at Noon, the Women's Council on Energy and the Environment will hold another <u>Lunch & Learn presentation</u> by Emma Nicholson, Ph.D., a WCEE member and economist at the Federal Energy Regulatory Commission's (FERC) Office of Energy Policy and Innovation. Nicholson will explain what capacity is, the role it plays in reliability, and how capacity markets in FERC-jurisdictional wholesale electricity markets work.

ACS to Host National Meeting, Innovative Technologies Event – The American Chemical Society hosts its 254th national meeting and expo on August 20th through 24th in DC at the Walter Washington Convention Center focusing on chemistry's impact on the global economy. The week will be filled with more science and chemistry events than anyone could ever want. They will also honor innovative technologies toward the end of the conference and we will have more Information about that closer to the event.

USEA Forum to Look at So Korea Carbon Capture – Next Monday at 12:30 p.m., the US

Energy Association <u>holds a briefing</u> to discuss the current status of carbon capture, utilization and sequestration technology R&D in South Korea. The presentation involves CCUS related R&D budget investments (in terms of scale, allocation and portfolio), main R&D projects, and international cooperation activities. Furthermore, the implementation status of carbon capture, storage, utilization and EOR projects which are operated by institutions and electric power companies will be provided. The speaker will be Sean Sangjoo Baek of the Korea Institute of Energy Technology Evaluation and Planning.

IN THE FUTURE

McIntyre, Glick Head to Confirmation Hearing – The Senate Energy Committee will hold a confirmation hearing on Thursday at 10:00 a.m. for Rich Glick and Kevin McIntyre to join FERC.

Platts Forum to Look at Pipeline Issues – Platts will hold its 12th annual conference in Houston at the Houstonian on September 7th and 8th looking at pipeline development and expansion. During the conference, my colleague George Felcyn and our friend George Stark of Cabot will be featured on a panel on building pipeline support from the grassroots. This workshop will focus on ways for pipeline companies to build public support, shape media coverage, influence regulators and successfully see their planned projects through to completion.

TX Renewable Summit Set – On September 18th – 20th, the <u>Texas Renewable Energy Summit</u> will be held in Austin at Omni Southpark. The summit will offer the latest insights into the market and hear from key players about the key trends impacting renewable energy project development, finance and investment in Texas. The falling price of solar panels is driving a surge in interest by public utilities and corporate customers in contracting for solar power, while a huge queue of wind projects is forming. As much as 16 GW of new wind and solar projects could come to fruition in Texas. However, development and financing challenges must be surmounted to assure project success and bankability. Large quantities of solar may drive the dispatch curve and market prices in unpredictable directions.

Ideas Conference Set – *The Atlantic* and the Aspen Institute holds its 9th annual <u>Washington Ideas</u> conference on September 26-28. "Washington Ideas" convenes the nation's leaders in politics, business, health, science, technology, arts, culture and journalism for three days of can't miss conversation and connections. In the heart of the nation's capital, we will tackle the most consequential issues facing the country and the world.

Coal Event to Hear from Alpha CEO – The 40th annual <u>Coal Marketing Days</u> forum will be held on September 26-27 at the Omni William Penn Hotel in Pittsburgh. The event hosts a variety of coal suppliers and buyers, coal transport companies, and industry-wide analysts who exchange in-depth knowledge on the current state of the global and domestic coal-producing markets and focuses on the current trends and challenges shaping the business. Alpha Natural Resources CEO David Stetson is the keynote

EEI Comms Conference Set – Our friends at EEI hold their annual Communicators Conference On Monday October 2 and Tuesday October 3rd in Washington. Utility Communicators from across the Country will be in town to discuss policy and best practice issues, among other items.

SEJ Set for Pittsburgh – Speaking of Pittsburgh, SEJ's 27th <u>annual conference</u> is set for October 4-8 in Steel City.

Vets in Energy Forum Set – Veterans In Energy will <u>hold a forum</u> on October 5th through 7th at NRECA in Arlington. VIE provide transition, retention and professional development support to the growing population of military veterans who have chosen energy careers. Speakers will include Chris Hale of GI Jobs and Gen. John Allen, former Dep Commander of US Central Command.

Renewable Tour Set for October Shenandoah Fall – JMU's Center for Wind Energy joins the nonprofit American Solar Energy Society (ASES) and hundreds of solar-savvy installers and grassroots organizations throughout America to showcase thousands of solar-powered homes, schools and businesses in Virginia and across North America — for the 22nd Annual National Solar Tour, the world's largest grassroots solar event. The ASES National Solar Tour shows families and businesses real-life examples of how their neighbors are harnessing free energy from the sun to generate electricity, warm and cool their homes, heat water and slash monthly utility bills.

FRANK MAISANO

Partner

Ext. 5864 Policy Resolution Group

From: Burhop, Anna

Sent: Wed 10/11/2017 3:07:17 PM

Subject: Meeting Request

Ryan,

The CEO of Denka will be in from Japan and would appreciate a brief meeting with you regarding the chloroprene IRIS assessment if at all possible. Are you available on the afternoon of October 23? Please let me know if there's a good time that works for you.

Thanks,

Anna

ANNA BURHOP

Principal anna.burhop@policyres.com

T: +1.202.828.1728 | F: +1.800.404.3970

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CONFIDENTIALITY STATEMENT

This message is sent by a law firm and may contain information that is privileged or confidential. If you received this transmission in error, please notify the sender by reply e-mail and delete the message and any attachments.

Bill is a partner and the head of the Administrative Law Group at Hunton & Williams. Bill's practice focuses on air quality issues including regulatory development and related litigation; compliance counseling and enforcement defense; legislative advice; and permitting. Prior to joining Hunton & Williams, Bill served for two years as Acting Assistant Administrator for Air and Radiation at the U.S. Environmental Protection Agency. He has a BS in Chemical Engineering from Purdue University and a JD from Widener University. Bill is a member of the District of Columbia bar.

To: Maisano, Frank[frank.maisano@bracewell.com]

From: Maisano, Frank

Sent: Mon 10/9/2017 5:33:46 PM

Subject: Oct 9 PRG Energy Update: CPP Repeal, Perry Hits Hill

Friends,

Happy Columbus Day from Washington. No traffic during a rain storm and free parking on the streets makes me wish every day was a Federal holiday... While I understand that there is some controversy regarding honoring Columbus, this is the special day for Italian-Americans like yours truly. To appreciate, I spent the weekend in the North End of Boston for a great meal at Giacomo's and some cannolis from Modern Pastry.

Wow... Was that a week or what? And no slow down on Friday as it seemed even busier with the CPP documents making their way out into the public. Then, *Hurricane Nate* roared ashore over the weekend with <u>Mississippi Power</u> and <u>Alabama Power</u> working hard to restore power, which as of Sunday seemed to be all back on other than a small area around hardest-hit Mobile which is supposed to be back on by noon today. *Nate* also forced offshore oil companies to curtail 92.61%, or 1.62 million barrels per day, of Gulf of Mexico oil production as of Sunday.

Back to CPP, we expect to have an announcement tomorrow after this morning's event in Kentucky. Administrator Pruitt said in a speech in Hazard, KY (by the way, yours truly is a Duke of Hazard thanks to former Mayor Bill Gorman) with Majority Leader Mitch McConnell that he will formally sign the proposal to withdraw the CPP tomorrow in Washington. My Colleague Jeff Holmstead can answer your questions. Email us at here or jeff.holmstead@bracewell.com.

SEJ in Pittsburgh was a great event, especially with all this important environmental activity making news... and Jeff just happened to be on a CPP/climate legal panel as the documents were coming out. Way to go Carolyn Whetzel. I knew that was your plan all along. And our reception was awesome...including the great, fun band that we hosted. Looking forward to Flint, but it seems like there will so many things between now and then.

In addition to the CPP activity this week, the big event on Capitol Hill with be Energy Secretary Rick Perry's visit to the House Energy Committee when he will get intense questions about his recent grid proposal to FERC. That's Thursday at 10:00 a.m. Other events include a

cybersecurity event tomorrow with rural Co-ops (featuring Arkansas Co-op leader, our friend and expert Duane Highley); a House Resources panel hearing on Wednesday to look at legislation to amend the OCS Lands Act featuring Mary Landrieu, Michael Bromwich and API's Erik Milito; Thursday CSIS hosts IEA's Renewable Energy Division head Heymi Bahar for a presentation of the IEA's Renewable Energy Market Report 2017; and Friday, House Resources returns to legislation focused on onshore energy.

Finally, stay tuned tomorrow for some more great hiring news at Bracewell's PRG. We are excited to make a big announcement on a new tax expert who is super smart on policy, very media savvy and well-connected in the nerdy tax world. He will be a huge help to those of you covering tax policy

Call with questions. Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

FRANKLY SPOKEN

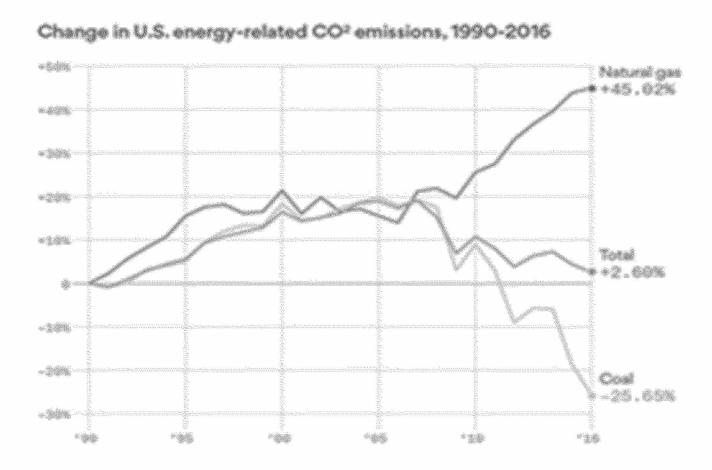
"I'm sympathetic with the 'hurry up and fix something'" attitude, said "But this is such a draconian way of fixing it that I'm assuming it's put out there to be a lightning rod to get people off their ass and get to focusing on proper solutions to this." He added: "Everything in our society has a shelf-life and then it goes into retirement."

Former FERC Chairman Pat Wood, a Republican who is a strong advocate for markets in Darius Dixon's POLITICO.

IN THE NEWS

PA Delegation Urges Trump to Protect Refinery Jobs – Following an event at a refinery in Philadelphia this morning, members of Congress and union officials released a letter from Pennsylvania's Congressional delegation urging President Trump support refining jobs in the Northeast. Signers including Sens. Casey and Toomey, as well as Reps. Doyle, Barletta, Evans, Kelly, Brady, Meehan, Boyle, Thompson, Perry, Shuster, Rothfus and Costello.

EIA: CO2 Emissions Headed Down – The Energy Information Administration has new data on energy-related CO2 emissions and they show a 1.7% decline in 2016. The data lowers energy-related emissions to 14% below 2005 levels and just 2.6% above 1990 levels, even though the economy is much larger than it was a quarter century ago. The trend of declining coal – fired electricity generation and increasing non – fossil fuel and natural gas – fired generation continued in 2016. Coal's share of total electricity generation fell from 53% in 1990 to 30% in 2016. The natural gas share of electricity generation grew from approximately 12% in 1990 to 30% in 2012 and to 34% in 2016. The non-fossil fuel electricity generation share (35%), including both nuclear and renewables, exceeded that of both coal and natural gas in 2016. See a bunch a great charts here.



EPA GHG Report Also Shows Decrease – Another <u>new annual report</u> from EPA says greenhouse gas emissions from America's largest industrial facilities fell 2% in 2016 to 2.99 billion tons, led by a large cut from the power sector. The decline in emissions in 2016 was led by a 4.6% reduction from U.S. power plants, an 18% decline from five years ago.

TX Utility to Retire Coal Plant – Speaking of emissions heading down, Texas utility Vistra announced on Friday plans to retire its Monticello Power Plant in Titus County, Texas. In total, approximately 1,800 MW of power will be taken offline in January of 2018. Vistra said the market's unprecedented low power price environment has profoundly impacted the plant's operating revenues and no longer supports continued investment. Vistra estimates that approximately 200 employees will be impacted by Monticello's retirement. More here.

Wheeler EPA Nom Finally in Motion – After months of expectation and speculation, President Trump late last Thursday appointed Faegre Baker Daniels Consulting energy and natural resources expert Andrew Wheeler to the #2 position at EPA. Wheeler previously worked for Sen. Jim Inhofe and the Senate Environment and Public Works Committee.

ON THE SCHEDULE THIS WEEK

Forum to Look at Clean Energy – Today at 3:15 p.m., as part of the State Innovation Exchange's annual <u>SiX Legislator Conference</u>, local and state leaders will gather in Washington, D.C., for a panel discussion on clean energy efforts in the States. More than 500 progressive state legislators and legislative staff from across the nation will gather for the 4th annual legislator conference. These state lawmakers, who are on the front lines of the resistance and policy making efforts across the country will gather to discuss and find solutions to some of the most pressing issues impacting the country as well as plan new strategies to further resist the efforts of the Trump administration. The conference goes through tomorrow.

Rural Co-Ops to Discuss CyberSecurity – The National Rural Electric Cooperative Association hosts a cybersecurity forum, "Insights on Cybersecurity for Electric Utilities," tomorrow at 10:00 a.m. The event will be in collaboration with the National Cyber Security Alliance and the Department of Homeland Security.

WRI to Host Forum – Experts from the Open Government Partnership and World Resources Institute will hold a forum tomorrow at 12:30 p.m. on climate action. The forum will profile a range of innovative approaches that open government advocates have taken to strengthen countries' climate commitments under the Paris Agreement. Together, they will unpack how improving transparency, accountability and public participation in climate decision-making processes can help governments and civil society leaders around the world achieve ambitious climate targets.

Forum to Look at US-China Relations – The Atlantic Council's Global Energy Center and the Brent Scowcroft Center's Asia Security Initiative will hold a timely conversation tomorrow on the role energy plays in the US-China relationship. The US administration's emerging diplomatic strategy and the upcoming nineteenth national congress of the Communist Party of China provide an opportunity to take stock of the role energy plays in the US-China relationship, as well as in how China views its future. Key issues in the US-China relationship include the role of liquefied natural gas (LNG) in the US-China Comprehensive Economic Dialogue, China's view of US energy exports, and how energy fits into the administration's trade agenda. Speakers include our friend Robert Fee of Cheniere Energy, ITC Assistant Secretary Alan Turley and DOE China advisor Maria DiGuilian with our friend Keith Johnson of FP moderating.

Report top Look at Highly-Enriched Uranium Facilities – On Wednesday at 10:00 a.m., the Fissile Materials Working Group and International Panel on Fissile Materials will launch of a major new IPFM research report, edited by Pavel Podvig, with contributions by six leading Russian experts on highly enriched uranium (HEU) facilities. The report describes in unprecedented detail Russian programs that use HEU as fuel in military and civilian applications. Further, it asses Russia's contribution to the effort to convert research reactors from HEU to non-weapon-usable low-enriched uranium fuel, and Russia's efforts to repatriate HEU fuel it had supplied to facilities abroad. Finally, it evaluates the organizational structure and regulations governing the security of HEU in civilian facilities in Russia. It makes recommendations for securing Russia's commitment to the goal of a comprehensive global HEU minimization strategy.

House Resources Look at Revenue Legislation – The House Natural Resources Committee's Subcommittee on Energy and Mineral Resources will hold a legislative hearing on Wednesday at 2:00 p.m. to look at a discussion draft of legislation to amend the Outer Continental Shelf Lands Act to distribute revenues from oil and gas leasing on the outer Continental Shelf to certain coastal States, and for other purposes. Witnesses will include former Louisiana Sen. Mary Landrieu, South Caroline State Senator Stephen Goldfinch, API's Erik Milito and former BOEM director Michael Bromwich.

Walden, DOE Official Headline Canadian Energy Efficiency Forum – On Thursday, the Canadian Embassy hosts the 28th annual Energy Efficiency Forum, featuring Dan Brouillette, deputy secretary at the Department of Energy, and Rep. Greg Walden (R-Ore.), chairman of the House Energy & Commerce Committee.

House Energy to Discuss Grid Proposal – Energy Secretary Rick Perry testifies before the House Energy Subcommittee on Thursday at 10:00 a.m. to offer his <u>vision</u> for managing and executing the department's missions and opportunities to update and align DOE's missions and operations with the emerging energy, national security, environmental, and technological challenges confronting the nation. Expect some interesting questions as a many energy industries have <u>raised concerns</u> about the DOE approach

ACORE Finance Forum Set – The American Council on Renewable Energy will hold forum on the state of the renewable energy public policy, financial markets and corporate renewables strategy when they hold <u>ACORE Finance West</u> on Thursday at the Bently Reserve in San Francisco. This annual conference convenes senior investors, industry executives, and other top transactional professionals to address market trends in the context of renewable investment opportunities in the Western U.S.

Bloomberg Hosts Sustainability Forum – Bloomberg holds its 3rd annual <u>Sustainable Business</u> <u>Summit</u> on Thursday and Friday in its New York offices to discuss how companies are yielding positive returns for investors, creating sustainably valuable products and processes, and developing innovative sustainable business models. Uniquely positioned at the intersection of sustainable business and sustainable investing, the summit will explore the challenges and even greater opportunities emerging across industries.

WAPA to Host Road Rally – The Washington Automotive Press Association holds its 2017 WAPA Rally on Thursday. This year's event will be a drive event on the roads just beyond the Chesapeake Bay Bridge on the scenic Eastern Shore of Maryland. The event provides the opportunity to drive or ride in the latest and greatest cars, trucks and SUVs provided by WAPA's automotive partners.

CSIS to Host IEA Renewable Energy Report Launch – The CSIS Energy and National Security Program is hosting Heymi Bahar, Project Manager of the Renewable Energy Division at the International Energy Agency (IEA), on Thursday at 9:30 a.m. for a presentation of the IEA's Renewable Energy Market Report 2017 (formerly titled Medium-Term Renewables Market Report). The report provides a detailed market analysis and overview of renewable electricity

capacity and generation, biofuels production, and heat consumption, as well as a forecast for the period between 2017 and 2022. This year's report also assesses the off-grid solar market in Africa and developing Asia and the contribution of electric vehicles to renewable road transport. Our friend Kevin Book will moderate.

Groups to Look at Nuclear Report – The Natural Resources Defense Council, the Union of Concerned Scientists, and the Heinrich-Böll-Stiftung will host a forum on Thursday at noon for the U.S. launch of the *World Nuclear Industry Status Report 2017*.

Women's Energy Groups Hold Reception – The Women's Energy Network hosts its October Happy Hour reception at Asia Nine on Thursday evening starting at 5:30 p.m. WEN DC is an organization that supports the professional development and advancement of women in the energy industry through relationships and networking. The events feature great food, drinks, networking, and socializing with your WEN members and other professionals from across the energy industry.

KB Hutchison to Address *WaPo* **Forum** – On Thursday at 6:30 p.m., U.S. Permanent Representative to NATO Kay Bailey Hutchison – former TX Senator and Bracewell colleague will <u>speak one-on-one</u> with columnist David Ignatius at *The Washington Post*. Hutchison will explore the future of NATO, mounting threats from Russia against Western allies and the ambassador's top priorities for military cooperation, intelligence-gathering and combating terrorism. This live, on-stage interview is a part of the ongoing "Securing Tomorrow" series.

House Resources Looks at Onshore Energy – On Friday at 9:00 a.m., the House Resources Committee's Subcommittee on Energy and Mineral Resources will hold a legislative hearing on a discussion draft of legislation looking at opportunities for to harness onshore resources to achieve domestic energy independence by empowering States to manage the development and production of oil and gas on available Federal land, and for other purposes.

Wilson Forum to Look at Mexico Energy Outlook – On Friday at 4:00 p.m., the Woodrow Wilson Center will hold a forum looking at Mexico's energy outlook. Mexico's landmark 2013 energy reform has caused a transformation for PEMEX from a monopolistic national oil company to a company with a competitive entity, with a more efficient business model. José Antonio González Anaya has been leading this effort since February 2016, and has emphasized the importance of partnerships along the breath and length of PEMEX activities. PEMEX is now fully engaged, since 2016, in exploration and production activities in partnership with private

and foreign companies. The event will feature a conversation with José Antonio González Anaya, where he will speak about the progress that has been made and the challenges the company will face in the next 12 months.

IN THE FUTURE

Wilson Center to Host Events on Resilience Week – The Wilson Center's Global Sustainability and Resilience Program is hosting the 2017 Resilience Academy Capstone Conference next week in cooperation with the Munich Re Foundation, UN University-Institute for Environment and Human Security, and International Centre for Climate Change and Development. Among the event will be three public sessions of the Academy, covering the many ways in which resilience is vital for communities around the world.

JHU to Host Sustainable Energy Institute – Next Monday, October 16th at Noon, Johns Hopkins University's SAIS <u>will launch</u> its Initiative for Sustainable Energy Policy (ISEP) to conduct policy analysis that will help governments universalize energy access at minimal environmental impact. Directed by Johannes Urpelainen, the Prince Sultan bin Abdulaziz Professor of Energy, Resources and Environment, ISEP offers bold ideas, rigorous policy analysis, and sustained engagement with policymakers and other change agents.

Wilson Forum to Look at Cities, Cars, Air – The Woodrow Wilson Center's China Environment Forum will host a forum next Tuesday at 9:30 a.m. on how cities are confronting the challenges of adapting a transportation system to new sustainability concerns. Simon Ng, an independent researcher formerly with Civic Exchange, will reflect on Los Angeles' and Hong Kong's quests for sustainable mobility and urban livability while also shedding light on the similar challenges faced by ever-growing Chinese megacities. Drawing on years of International Council on Clean Transportation (ICCT) engagement in the PRD lowering vehicular emissions, Zifei Yang will introduce the increasingly effective vehicle emission control programs that Shenzhen and other PRD cities have instituted.

National Bioenergy Day 2017 – The Department of Energy (DOE) will celebrate its 5th annual National Bioenergy Day on Wednesday October 18th to celebrate bioenergy, a form of renewable energy derived from biomass—organic material—that can be used to produce transportation fuels, products, heat, and electricity. This is an opportunity to showcase bioenergy facilities and

the bioenergy supply chain around the United States.

BPC to Host Moniz on Nuclear – The <u>Bipartisan Policy Center will host</u> former Energy Secretary Ernest Moniz a conversation on October 18th at 9:00 a.m. with BPC President Jason Grumet to discuss the vital role U.S. nuclear energy plays in achieving national security objectives. The conversation will highlight the key takeaways from *The U.S. Nuclear Energy Enterprise: A Key National Security Enabler*, a report issued by Sec. Moniz's new Energy Futures Initiative.

USEA Hosts Energy Transition Outlook – The US Energy Assn will roll out the <u>DNV GL</u> Energy Transition Outlook on Wednesday, October 18th at 9:00 a.m. in the Fourth Estate Room at the National Press Club. The Outlook provides a balanced forecast of our energy future through to 2050 and draws on DNV GL's independence and its broad involvement across the entire supply chain, spanning complex offshore infrastructure, onshore oil & gas installations, large-scale wind, solar and energy efficiency projects and the world's most advanced electricity transmission and distribution grids. The report forecasts energy demand and supply globally, and in 10 world regions.

Press Club to Host Comms Summit – On Wednesday, October 18, the National Press Club will host its <u>annual Communicators' Summit</u> at the Club's First Amendment Lounge. This year's theme is "Content is King." Leading experts will share insights on producing content suited to the unique strengths of different digital, online and social media channels, as well as emerging technologies. We'll discuss the challenges of developing credible and compelling content at a time when trust in corporations, government, NGO's and the media is being tested more than any time in a generation. Speakers will include AARP's Bill Walsh, AXIOS Editor Nicholas Johnston, Twitter's head of Global Public Policy Communications Emily Horne, Richard Levick, Scripps News Washington Bureau investigative correspondent Mark Greenblatt and several more. The Luncheon Keynote speaker will be Richard Edelman, President and CEO of Edelman. Special kudos to our friend Tim Brown of GE Renewable who is helping put the program together.

ELI Hosts Annual Dinner, Forums – The Environmental Law Institute holds its <u>annual awards dinner</u> honoring Achim Steiner, Administrator for the United Nations Development Program on Wednesday October 18th at the Omni Shoreham in DC. At 2:00 p.m., they will host a <u>discussion</u> about "cooperative federalism" and the need to ensure that environmental program administration reflects the significant expertise and experience state environmental agencies now

have after decades of administrating environmental protection laws. Panelists will include ECOS's Alexandra Dapolito Dunn, Chevron's Richard DeSanti, BNSF's John Lovenburg, Todd Parfitt of the Wyoming DEQ, C2ES's Janet Peace and Martha Rudolph, Director of Environmental Programs at the Colorado Department of Public Health and Environment. They will also hold the Miriam Hamilton Keare Policy Forum on cooperative Federalism, featuring GE's Neil Kemkar, Bob Martineau of the Tennessee DEC and several others.

JHU to Look at EVs – On Wednesday, October 18th at 5:00 p.m., Johns Hopkins University hosts a <u>forum</u> on electric cars. Speakers will address range, infrastructure, environmental impacts and other Issues.

CSIS to Look at Vehicle Issues – The CSIS Energy & National Security Program and Van Ness Feldman are pleased to announce a <u>conference</u> on the history of vehicle efficiency standards and electricity regulation in honor of the late Robert Nordhaus. This program looks at the evolution of two policy areas in which Bob made an important mark, and which raise issues of great significance today. Panels will include former Energy Committee Chair and RFF Head Phil Sharp, former Bush 43 CEQ chief Jim Connaughton and Alliance of Automobile Manufacturers CEO Mitch Bainwol, as well as former FERC Commissioners Tony Clark and Joe Kelliher.

DOE, NEI Host Nuclear Forum – The Department of Energy and the Nuclear Energy Institute will host the Millennial Nuclear Caucus on Thursday, October 19th at 5:00 p.m. in Washington, DC. Stay tuned for details.

Forum to Look at Storage, Micro Grids – On Thursday, October 19th at 5:30 p.m. at EEI, Leaders in Energy, along with Resilient Virginia, will be sponsoring a forum on improving resilience through microgrids and battery storage. The utilization of microgrids plus battery storage is seen increasingly by public and private organizations as the wave of the future to help ensure energy reliability and security in the age of intense hurricanes and cybersecurity threats. Topics include: technology that supports the utility/microgrid interface, tools for developers to assess microgrid viability based on existing infrastructure and regulations, how local governments in the DMV are working with private companies to make microgrid development financially feasible, and how our regional Department of Defense installations are utilizing microgrids as part of their energy security systems. Speakers include EEI's John Caldwell, USGBC's Brendan Owens, Dan Ton of DOE's Smart Grid R&D and Michael Yambrach, the Energy and Sustainability director in Montgomery County, MD.

Economists to Host Weather Hedge Specialist – The National Capitol Chapter of the US Assn Of Energy Economists will host their October forum with Munich Re's Edward Byrne on Friday October 20th at Carmines. Ed Byrns has specialized in weather hedging for many years. His talk focuses on how the new world of big data is creating innovative weather risk products to manage business exposure.

This presentation is a journey from the past to the present and on to the future. Throughout this journey, we will learn what weather risk management is, where market capabilities are today and how future solutions could target micro-level risks.

Renewable Tour Set for October Shenandoah Fall – JMU's Center for Wind Energy joins the nonprofit American Solar Energy Society (ASES) and hundreds of solar-savvy installers and grassroots organizations throughout America to showcase thousands of solar-powered homes, schools and businesses in Virginia and across North America -- for the 22nd Annual National Solar Tour, the world's largest grassroots solar event. The ASES National Solar Tour shows families and businesses real-life examples of how their neighbors are harnessing free energy from the sun to generate electricity, warm and cool their homes, heat water and slash monthly utility bills.

Green Bonds Conference Set for NYC – Environmental Finance will host Green Bonds 2017 at 10 on the Park in New York City on October 23rd. According to the <u>Green Bonds Database</u>, the American green bonds market has continued its rapid growth with over 17\$ billion issued in the last twelve months.

At the conference this year we will look at the drivers behind this boom and how to ensure sustainable growth as the market matures.

AWEA Finance, Offshore Conferences Set for NYC – AWEA hosts its <u>Wind Energy Finance</u> & <u>Investment Conference</u> in NYC on October 24-26th at the Roosevelt Hotel. Wind energy continues to grow and is providing jobs, community value and, solid investment opportunities. The event will also be co-located with AWEA's annual <u>Offshore WINDPOWER</u> conference, which will feature Denmark's Minister of Energy, Utilities and Climate Lars Christian Lilleholt and DOE's Tim Unruh, Deputy Assistant Secretary for Renewable Power.

Women Renewable Energy Forum Set – The Women of Sustainable Energy and Renewable Industries (WRISE) Leadership Forum 2017 on November 6-7 in its inaugural year under the new brand (previously WoWE). Co-located with the <u>AWEA Fall Symposium</u>, this event will feature keynote speakers, professional development, networking, and expert panels on key issues

in the industry.

AWEA Fall Symposium Returns to New Mexico – On November 7th through the 9th, AWEA hosts its annual Fall Wind Energy Fall Symposium at the Hyatt Regency Tamaya Resort, where key strategic decisions are made to build the future of wind energy. The event will feature new executive insights, and actionable strategic plans to power your business in the upcoming year.

FRANK MAISANO

Partner Ext. 5864 Policy Resolution Group To: Maisano, Frank[frank.maisano@bracewell.com]

From: Maisano, Frank

Sent: Tue 9/12/2017 4:15:32 PM

Subject: SPECIAL UPDATE: Conservatives on Solar Tariff, Fed AV Policy Released, Hurricane

Flooding Risks for HVAC Systems

Friends,

Some really important issues moving today, as well as an update for flooded HVAC Systems in light of the recent hurricanes. Finally, **REMEMBER today's 2 p.m. press briefing** at the National Press Club on steel tariff issues.

1) Conservative Groups Weigh In on Solar Tariff – Today, six conservative groups urged members of the US International Trade Commission to reject the relief requested by Suniva under rarely used but powerful statute, Section 201 petition in <u>a letter today</u>. I can send you pdf if you can't get the link or contact Clark Packard at R Street (<u>cpackard@rstreet.org</u>)

The groups said the tariffs and minimum price floors requested by Suniva and SolarWorld would double the cost of solar products in the United States, lead to retaliation by our trading partners and face a challenge at the World Trade Organization (WTO).

They also said while they oppose government policies that pick winners and losers in the energy marketplace, we are equally hostile to protectionist trade measures that distort markets and invite retaliation by our trading partners.

"We urge the ITC to reject an injury finding in this case. If the commission does find injury, we urge you to tailor your recommended relief narrowly by exempting imports from countries with which the United States has free-trade agreements."

Signers of the letter include R Street, the American Legislative Exchange Council, ALEC Action, Citizens for Responsible Energy Solutions Forum, the National Taxpayers Union and the Taxpayers Protection Alliance.

Finally, the Heritage Foundation also released a white paper that urges US ITC to Oppose the position: http://www.heritage.org/node/553152/print-display

2) DOT to Release Federal AV Policy – The Department of Transportation's National Highway Traffic Safety Administration (NHTSA) today releases the Federal Autonomous Vehicle Policy (FAVP) "2.0," streamlining and refining its inaugural autonomous vehicles (AV) policy. The new policy reflects the response to public comments, including those by SAFE.

Securing America's Future Energy (SAFE) applauded Secretary Elaine Chao and the impressive work by NHTSA staff for prioritizing AVs within DOT and responding to stakeholder calls by continually improving the foundation of these vital policies that will encourage innovation and maintain America's leadership.

Autonomous vehicles are a critical technology with the potential to spur some of the greatest improvements to society since the industrial revolution. SAFE will continue to work with policymakers and regulators to ensure a strong national framework is in place to allow the deployment of these vehicles of the road keeping America in the lead of this innovation.

"The on-time release of the FAVP 2.0 reemphasizes the commitment by DOT and NHTSA to quickly address and overcome the chances of a messy patchwork of state regulations," said Robbie Diamond, SAFE President and CEO. "SAFE looks forward to continuing to work with the agency on version 3.0 to keep ahead of this technology revolution and ensure driverless cars have the necessary flexibility to significantly enhance our nation's transportation, save tens of thousands of lives on our roads, expand mobility for millions of Americans and strengthen our national security through increased efficiency and fuel diversity."

SAFE continues to advocate for a unified, clear, modernized framework from Congress to allow for a safe and speedy deployment of AVs on public roadways for both cars and commercial vehicles. Please call Bridget Bartol (202-461-2361) or me if you have questions.

3) Flood Impact on HVAC Systems – Even though power in many cases still hasn't been restored to the hurricane zones, when it is, there are significant concerns that homeowners and businesses must consider as they return.

The Air-Conditioning, Heating and Refrigeration Institute (AHRI), the trade association representing HVAC and water heating equipment, offered a few important safety precautions after a flood or hurricane with regard to their heating and cooling equipment. AHRI says standing water can severely damage a home's heating and cooling equipment and recommends that flood-damaged HVAC equipment be replaced, rather than repaired.

If HVAC equipment has been submerged or damaged by flood water, it is recommended that all inspection and replacement work be done by a qualified contractor and not the homeowner. Furthermore, not only is gas equipment is at risk, but that risk includes units using oil and electricity as the power source should be left to professionals to inspect.

Please review the following information about home HVAC equipment and take necessary precautions to have that equipment inspected, as well as repaired or replaced by qualified professional contractors.

Heat Pumps and Air Conditioners:

Split air conditioning and heat pump systems have power and control wiring between the indoor and outdoor parts of the system, and piping through which refrigerant flows through the system. If flood water has caused either the outdoor or indoor units of a split system to become repositioned, even by a small amount, there is a potential for refrigerant leaks. The system will then require major repair or full replacement.

If the refrigerant system remains intact after the flood, the entire system should be cleaned, dried, and disinfected. Homeowners should have a contractor check the indoor and outdoor units' electrical and refrigeration connections, including all control circuits. The decision to repair or replace should be made after consultation with a qualified professional on a case-by-case basis.

Gas Furnaces and Boilers:

If there is any concern that flood water has reached a gas furnace or boiler, it should be inspected by a qualified HVAC contractor. Furnaces and boilers feature gas valves and controls that are particularly susceptible to water damage. While the damage might not be visible, corrosion begins inside the valves and controls, even if the outside appears to be clean and dry. At the very least, this damage can result in reliability issues.

Ductwork:

If a house that has incurred flood damage contains a central forced-air system, it is important to also closely inspect the ductwork. Duct insulation that has been in contact with flood water should not be salvaged as it is impossible to decontaminate. A qualified contractor can clean, dry and disinfect the ductwork; and a thorough job requires disassembling the ductwork all together.

Please make sure to have a qualified contractor inspect any HVAC equipment that has been submerged or damaged by flood. We also recommend that you contact any of the offices set up by the Federal Emergency Management Agency (FEMA) as government aid may be available to help flood victims finance the replacement of flood-damaged HVAC equipment.

Please visit <u>www.fema.gov</u> for information. You can also contact Francis Dietz (703-969-6444) or me if you have questions...

Frank Maisano

(202) 828-5864

c. (202) 997-5932

From: Wehrum, William L.
Sent: Fri 8/18/2017 7:12:11 PM

Subject: Heidi King Heidi King Regulation-c.pdf



Partner

wwehrum@hunton.com p 202.955.1637

bio | vCard | blog | Linkedin

Hunton & Williams LLP 2200 Pennsylvania Avenue, NW Washington, DC 20037

hunton.com

Cc: Payne, Warren S.[WPayne@mayerbrown.com]

From: Payne, Warren S.

Sent: Tue 8/29/2017 10:39:26 AM

Subject: Meeting request for the Administrator from Arkema,

Arkema - U S (725218789 1).pdf

Ryan,

I don't believe we ever met but we have a number of colleagues in common as we overlapped on the Hill. I previously served as Policy Director for the Ways & Means Committee under former Chairman Dave Camp. Currently I serve as an advisor at Mayer Brown and one of our clients is Arkema. Arkema is a major US employer and investor with 19 US facilities and 3,600 US employees (some company background is attached). You may be familiar with Arkema as one of the plaintiffs in the recently decided case before the DC Circuit challenging the SNAP regulations proposed by the Obama Administration. Mike Catanzaro recommended that we reach out request a meeting with the Administrator to share with him our views of the issue and the decision by the Court and how it fits into the larger policy goals of the Administrator. In addition, we would request that Mexichem, the other company involved in the litigation join the meeting as well.

We are available to meet at the Administrator's earliest convenience and given the timelines involved would appreciate the opportunity to meet as soon as possible. Thank you for your assistance and please let me know if you have any questions.

Sincerely,

Warren

Warren S. Payne

Senior Policy Advisor

Mayer Brown LLP

P: 202 263 3831

C: 202 821 9870
,
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From: Wehrum, William L.
Sent: Fri 9/1/2017 11:35:08 AM
Subject: Can we talk today?

Ex. 6 - Personal Privacy <u>bio-resume 2017-08-c.pdf</u>



Partner

wwehrum@hunton.com p 202.955.1637

bio | vCard | blog | Linkedin

Hunton & Williams LLP 2200 Pennsylvania Avenue, NW Washington, DC 20037

hunton.com

To: Payne, Warren S.[WPayne@mayerbrown.com]; Jackson, Ryan[jackson.ryan@epa.gov]

From: Payne, Warren S.

Sent: Thur 10/12/2017 8:42:24 PM

Subject: RE: Meeting request re hazardous materials recycling

Ryan,

Just circling back on this request. Thanks.

Warren S. Payne

Senior Policy Advisor

Mayer Brown LLP

P: 202 263 3831

C: 202 821 9870

From: Payne, Warren S.

Sent: Sunday, October 01, 2017 6:18 AM

To: Jackson.ryan@epa.gov

Subject: Meeting request re hazardous materials recycling

Ryan,

I am emailing to ask for your assistance on arranging a meeting with the right folks at the EPA on the issue of getting EPA to update its definition of hazard waste under the Resource Conservation and Recovery Act. As you can see from the attached letter this issues has been flagged for the Director from the Hill already. Would greatly appreciate your assistance getting in front of the right people on this issue.

Thanks

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Warren S. Payne

Senior Policy Advisor

Mayer Brown LLP

P: 202 263 3831

C: 202 821 9870

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HEIDI R. KING

Washington, DC

Ex. 6 - Personal Privacy

https://www.linkedin.com/in/HeidiRKing

- Regulation and public policy
- Benefit-cost analysis
- Environmental, manufacturing, health, energy and financial sectors

EXPERIENCE

GE Capital Norwalk CT and Washington DC Global Director of Environmental Risk

2013-2016

Led a global team of technical and legal professionals investigating investment opportunities and informing investment decisions and strategy across GE Capital, a global financial services company holding as much as \$499 billion in global transportation, energy, real estate, healthcare and manufacturing investments.

- Authored policy insights supporting senior management business strategy decisions
- Guided federal and state policy engagement strategy to mitigate impacts of climate, air quality and other key environmental regulations on investments
- Managed investment risk in the area of environmental compliance and liability, social responsibility and sustainability in across the Americas, Asia Pacific, and Europe.

US House of Representatives

Washington DC

2011-2013

Chief Economist for Committee on Energy and Commerce

Legislated and advised Congress on business impacts resulting from environmental regulatory programs in the areas of energy, environment, transportation, agriculture, and manufacturing.

- Promoted the effective use of economic analyses of business and social impacts across both House and Senate, improving priority setting and effective agency oversight
- Mobilized congressional action and response to major environmental regulations, including greenhouse gas policies and Clean Air Act regulations
- Pioneered agreement on measures to improve the effectiveness of the Clean Air Act through a series of unprecedented bipartisan forums with state governments
- Authored literature reviews supporting Congressional areas of action

US Exec Office of the President Washington DC 1998–2000 & 2007–2011 Senior Policy Analyst, Information and Regulatory Affairs

Advised White House leadership on the economic impacts of diverse regulatory initiatives and led federal interagency review of significant regulations in the areas of environment and energy.

Reduced regulatory burden and improved the effectiveness of environmental regulations
particularly in the area of greenhouse gases, ambient air quality, manufacturing and
automotive emissions

HEIDI R. KING

Washington, DC 908 327 4484

heidi.king@mac.com https://www.linkedin.com/in/HeidiRKing

ImpactRx

Mt. Laurel, NI

2006-2007

Senior Director, Oncology Group

Advised major pharmaceutical clients throughout the U.S. on behalf of a venture capital funded consulting firm.

- Proposed, conducted and coordinated consultative strategy research for clients in the pharmaceutical manufacturing sector for ImpactRx, a firm employing approximately 100 information and industry specialists
- Produced marketing insights for top pharmaceutical manufacturers in biotech

Pfizer Pharmaceuticals

New York, NY

2002-2006

Senior Manager, Management Science Group

Informed business strategy alternatives with quantitative research and assessed potential public policy impacts on product utilization and public health.

- Proposed, planned, implemented and presented research supporting business decisions
- Applied statistical analysis to support leading pharmaceutical brands' business strategy decisions

Inductis Analytical Consulting Associate Consultant, Marketing and Statistics

Murray Hill, NJ

2001-2002

Supported and advised financial services clients seeking business process improvements on behalf of a data-driven analytical boutique consulting firm.

- Proposed, planned, and implemented technical consulting research projects on data analytics assignments for clients in financial services
- Designed and launched the probabilistic software at the core of the leading financial services data provider in the U.S.

Telcordia Technologies Research Scientist, Internet Group

Morristown, NJ

2000-2001

Researched consumer demand for communication products and services to inform internal management and resource allocation decisions at Telcordia Technologies, a telecommunications software firm formerly a component of Bell Labs.

Launched consulting practice area designed to support participants in federal spectrum auctions

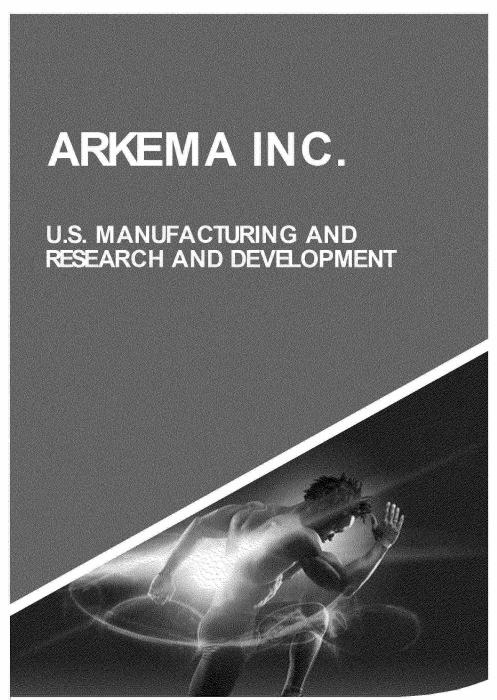
EDUCATION

M.S. Economics and Political Science, 1998, California Institute of Technology, Pasadena, CA

B.A. Honors in Economics, 1995, University of California at Irvine

17cv1906 Sierra Club v. EPA

ED 001523 00001420-00002





17cv1906 Sierra Club v. EPA ED_001523_00001593-00001



U.S. Facilities and Operations

Arkema Inc. (w/ subsidiaries and affiliates)

- 34 U.S. Facilities and 2 R&D centers (King of Prussia, PA and Cary, NC)
- operations in 19 states
- 3,600 U.S. employees
- ~\$3 billion+ in annual U.S. revenues
- 425 U.S. patents
- Trace our roots back to the Pennsylvania Salt Manufacturing Company (1860s) -- an early and pioneering chemical manufacturing company.
- Numerous U.S. customers and suppliers
- Member of the American Chemistry Council and other U.S. trade associations.
- Globally, part of the Arkema Group.





Produced by the Cartographic Research Lab



Arkema Inc. - U.S. Facilities

Corporate Unit	Function	Facilities
U.S. Headquarters	U.S.A. Corporate Headquarters	King of Prussia, PA
Research and Development	Research and Development Facilities and Operations	King of Prussia, PA, Cary, NC

Business Unit	Example Products and Markets	Facilities
Acrylics	Water Treatment, Resins, Detergents, Absorbents, Paints, Adhesives, Thickeners	Bayport (Pasadena), TX (American Acryl), Clear Lake (Pasadena), TX
Altuglas-PMMA	Plexiglas® acrylic sheet for automotive, lighting, etc.	Bristol, PA, Louisville, KY
Arkema Coating Resins	Architectural and Industrial Coatings, Cool Roofing, Construction, Traffic Paints, Sealants, Adhesives	Cary, NC, Alsip, IL, Hahnville (St. Charles), LA, Torrance, CA, Grand Rapids, MI, North Kansas City, MO, Saukville, WI
Coatex* *Arkema Affiliate	Mineral Processing, Paper, Paints, Industrial Specialties	Chester, SC
Fluorochemicals	Refrigerants, Foams, Solvents, Aerosols	King of Prussia, PA, Calvert City, KY
Fluoropolymers	Kynar® PVDF, Architectural Coatings, Cool Roofing, Automotive, Coatings, Film, Energy Storage and Batteries, Fuel Handling Systems, Membranes, Piping, Photovoltaics, Tubing	King of Prussia, PA, Calvert City, KY



17cv1906 Sierra Club v. EPA ED_001523_00001593-00004



Arkema Inc. - U.S. Facilities

Business Unit	Example Products & Markets	Facilities
Functional Additives	Performance Enhancers, Catalysts, Coatings for PVC, Flat Glass, Container Glass	King of Prussia, PA, Axis/Mobile, AL, Crosby, TX, Blooming Prairie, MN, Franklin (Courtland), VA, Geneseo, NY
Hydrogen Peroxide	World's largest producer, used for bleaching wood pulp for paper, treating wastewater and sanitizing	King of Prussia, PA, Memphis, TN
Sartomer* (Photocure Resins) *Arkema Subsidiary	Coatings, Composites, Inks, Electronics Adhesives, Sealants, Polymer Modification, Optical, Elastomers	Exton, PA, West Chester, PA, Chatham, VA
Specialty Polyamides	Architectural Coatings, Cool Roofing, Medical Devices, Pipe and Tubing, Paints, Sports Equipment, Batteries, Photovoltaics and Solar	King of Prussia, PA, Birdsboro, PA
Thiochemicals	Agrichemicals, Pharmaceuticals, Lubricants for Energy Industry, Solvents for Coatings	King of Prussia, PA, Beaumont, TX, Houston, TX, Pineville, LA (Odor-Tech, LLC)
Bostik* (Adhesives) *Arkema Subsidiary	Adhesives and sealants for three key markets: Industry, Construction and Consumer, spanning a range of markets: gas tankers to buildings to furniture and diapers, among others	Wauwatosa WI, Middleton, MA, Calhoun, GA, Conyers, GA, Greenville, SC, Louisville, KY, Paulsboro, NJ, Temecula, CA



17cv1906 Sierra Club v. EPA ED_001523_00001593-00005

To: Jackson, Ryan[jackson.ryan@epa.gov]

From: Harlow, David

Sent: Fri 8/18/2017 6:24:56 PM

Subject: Automatic reply:

I am currently out of the office. If you need to get in contact with me, please call 202-955-1683. Thank you.

To: Burhop, Anna[anna.burhop@bracewell.com]

From: Burhop, Anna

Sent: Wed 8/23/2017 9:01:42 PM Subject: Updated Contact Information

Anna Burhop.vcf

Anna Burhop
Bracewell LLP
Principal
+1.202.828.1728 Work
+1.901.337.0497 Mobile
Anna.Burhop@bracewell.com
2001 M Street NWSuite 900
Washington DC 20036
www.bracewell.com

Friends,

My updated contact information is attached.

Best,

Anna

ANNA BURHOP

Principal

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To: Wehrum, William L.[wwehrum@hunton.com]
Cc: Jackson, Ryan[jackson.ryan@epa.gov]

From: Lyons, Troy

Sent: Mon 9/18/2017 10:39:06 PM **Subject:** Re: POSSIBLE Hearing Delay

I know this is not ideal and several travel schedules are involved.

I'd advise to cancel family travel plans but to keep your plans. Again, this is not ideal but will keep your family from taking an unnecessary trip if the hearing is canceled.

This is contingent on the entire senate schedule. I will continue to work to get more clarity.

Troy M. Lyons

Associate Administrator

Office of Congressional & Intergovernmental Relations

U.S. Environmental Protection Agency

202-309-2490 (cell)

Sent from my iPhone

On Sep 18, 2017, at 6:28 PM, Wehrum, William L. < www.hrum@hunton.com > wrote:

Respectfully, that is too late. If my family is to be here Wednesday morning, they must fly tomorrow morning. If they cancel and the hearing goes forward, it will be profoundly unfair to them. If they come and the hearing is canceled, the same is true. I realize that you do not control this situation, but feel free to forward this note to anyone who might have some influence.

From: Lyons, Troy [mailto:lyons.troy@epa.gov]
Sent: Monday, September 18, 2017 6:14 PM

To: Wehrum, William L.; David Ross; Leopold, Matthew Z.; doursoml@ucmail.uc.edu

Cc: Palich, Christian; Ringel, Aaron; Shimmin, Kaitlyn; Frye, Tony (Robert)

Subject: RE: POSSIBLE Hearing Delay

Thank you for your patience—I know this is extremely frustrating, especially since it is the last minute.

The committee told me we are still on; however, this is subject to change. I will ask for a FIRM yes or no in the morning.

From: Wehrum, William L. [mailto:wwehrum@hunton.com]

Sent: Monday, September 18, 2017 6:02 PM

To: Lyons, Troy <<u>lyons.troy@epa.gov</u>>; David Ross <<u>Personal Email/Ex. 6</u>
Leopold, Matthew Z. <<u>MLeopold@carltonfields.com</u>>; doursoml@ucmail.uc.edu

Shimmin, Kaitlyn <<u>shimmin.kaitlyn@epa.gov</u>>; Frye, Tony (Robert)

<frye.robert@epa.gov>

Subject: RE: POSSIBLE Hearing Delay

Any news?

From: Lyons, Troy [mailto:lyons.troy@epa.gov]
Sent: Monday, September 18, 2017 1:07 PM

To: David Ross; Leopold, Matthew Z.; doursoml@ucmail.uc.edu; Wehrum, William L.

Cc: Palich, Christian; Ringel, Aaron; Shimmin, Kaitlyn; Frye, Tony (Robert)

Subject: POSSIBLE Hearing Delay

Importance: High

Nominees—the Senate may wrap up its business tomorrow night and leave early for the Jewish holiday (which the Senate was planning to already be out Thursday and Friday). This would result in the hearing being postponed. We are working with EPW and Leader McConnell's office to push this week's hearing or get a alternative. We should have clarity this evening.

I would advise you to continue with your travel plans. If your family is scheduled to come, I would advise them to cancel their plans. I am sorry for this last minute change.

Troy M. Lyons

Associate Administrator

Office of Congressional & Intergovernmental Relations

U.S. Environmental Protection Agency

202-309-2490 (cell)

To: Jackson, Ryan[jackson.ryan@epa.gov]

From: Burhop, Anna

Sent: Mon 9/18/2017 8:46:53 PM

Subject: AHRI Invitation Pruitt Invite Letter.docx

Ryan,

Attached is a letter from Stephen Yurek, President and CEO of the Air-Conditioning, Heating, & Refrigeration Institute, inviting the Administrator to speak at the Institute's annual meeting on Sunday, November 12.

Please let me know if you have any questions.

Best,

Anna

ANNA BURHOP

Principal

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To: Jackson, Ryan[jackson.ryan@epa.gov]

From: Payne, Warren S.

Sent: Thur 8/31/2017 3:36:09 PM

Subject: Fwd: Update re Arkema facility in Crosby, Texas

Ryan

We are working on getting the right company people together to brief you. As soon as we can round them up will let you know. Obviously they are juggling a number of balls right now.

Warren

Sent from my iPhone

Begin forwarded message:

From: "Payne, Warren S." < WPayne@mayerbrown.com>

Date: August 31, 2017 at 10:20:37 AM EDT

To: "Payne, Warren S." < WPayne@mayerbrown.com >, "Jackson.ryan@epa.gov"

<Jackson.ryan@epa.gov>

Subject: Update re Arkema facility in Crosby, Texas

Ryan,

Attached please find a link http://www.arkema-americas.com/en/social-responsibility/incident-page-2/ to the most current information with regard to the status of the Arkema chemical plant in Crosby, Texas. As you can see we are working closely with DHS and local officials to monitor the situation. If you have any questions please do not hesitate to reach out and we can have officials on the phone to brief as necessary.

Thanks.

Warren S. Payne Senior Policy Advisor Mayer Brown LLP

P: 202 263 3831 C: 202 821 9870

----Original Message-----From: Payne, Warren S.

Sent: Tuesday, August 29, 2017 2:07 PM

To: Jackson.ryan@epa.gov

Subject: Re: Meeting request for the Administrator from Arkema,

Ryan

Wanted to circle back on this request. Knowing time is short if it is helpful for me to get on the phone with you I am happy to do so. My cell is 202 821 9870.

Thanks Warren

Sent from my iPhone

On Aug 29, 2017, at 6:39 AM, Payne, Warren S. < <u>WPayne@mayerbrown.com</u>> wrote:

Ryan,

I don't believe we ever met but we have a number of colleagues in common as we overlapped on the Hill. I previously served as Policy Director for the Ways & Means Committee under former Chairman Dave Camp. Currently I serve as an advisor at Mayer Brown and one of our clients is Arkema. Arkema is a major US employer and investor with 19 US facilities and 3,600 US employees (some company background is attached). You may be familiar with Arkema as one of the plaintiffs in the recently decided case before the DC Circuit challenging the SNAP regulations proposed by the Obama Administration. Mike Catanzaro recommended that we reach out request a meeting with the Administrator to share with him our views of the issue and the decision by the Court and how it fits into the larger policy goals of the Administrator. In addition, we would request that Mexichem, the other company involved in the litigation join the meeting as well.

We are available to meet at the Administrator's earliest convenience and given the timelines involved would appreciate the opportunity to meet as soon as possible. Thank you for your assistance and please let me know if you have any questions.

Sincerely,

Warren

Warren S. Payne

Senior Policy Advisor

Mayer Brown LLP

P: 202 263 3831

C: 202 821 9870

<Arkema - U S (725218789 1).pdf>

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Anna Burhop

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Last Revision

20170823T195551Z



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we make life better™

August 31, 2017

The Honorable Scott Pruitt Administrator Environmental Protection Agency 1200 Pennsylvania Avenue, NW *Mail Code:* 1101A Washington, DC 20460

Dear Administrator Pruitt:

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI), whose 315 member companies manufacture quality, efficient, and innovative residential and commercial air conditioning, space heating, water heating, and commercial refrigeration equipment and components for sale in North America and around the world, will be meeting November 12-14, 2017, at the Trump National Doral Resort in Miami. I am pleased to invite you to address the attendees at our opening session on Sunday evening, November 12.

Let me explain why this would be worth your time:

- You would be addressing an audience of 350+ people, including C-Suite executives from many Fortune-500 companies, some of which are either located in, or have presence in Oklahoma.
 We would provide an opportunity for you to meet separately with these attendees.
- Our manufacturing companies which must have a manufacturing presence in the United States to be a member of our association -- represent the cutting edge of heating, cooling, commercial refrigeration, and water heating technology and are recognized around the world for the quality, energy efficient equipment they produce. Your presence at our meeting will amplify President Trump's promotion of U.S. manufacturing and its importance in job creation and economic growth.
- AHRI supports the future of the HVACR industry by investing in the training and success of
 future HVACR technicians and contractors through the Clifford H. "Ted" Rees, Jr. Scholarship
 Foundation, a 501(c)(3) charitable foundation of AHRI and the Air Conditioning Contractors of
 America (ACCA). Since its founding in 2003, the Foundation has awarded more than \$550,000 in
 scholarships to 330 deserving students, instructors, and returning veterans.
- Our member companies help keep Americans and people around the world healthy, comfortable, safe, and productive, in the most energy efficient, environmentally responsible way possible.

Because AHRI and our members work closely with the EPA on such critical issues as refrigerant policy and ENERGY STAR, we would benefit from your intimate knowledge of the President's plans with respect to those issues as well as increasing U.S. manufacturing and creating jobs for our fellow citizens.

I would greatly appreciate it if you or your staff could respond with an indication of your availability. Feel free to contact me directly for any additional information you might need. I can be reached at syurek@ahrinet.org, or by telephone at 703-600-0314.

Sincerely,

Stephen R. Yurek

President & CEO